

AMENDMENTS TO THE CLAIMS

1. Canceled.
2. (Currently amended) A refrigerant composition comprising R245fa ($\text{CF}_3\text{CH}_2\text{CHF}_2$), R125 (CHF_2CF_3), one of either R508A (R23/R116:39/61) or R508B (R23/R116:46/54) and R14 (tetrafluoromethane: CF_4) wherein the R125, R508A or R508B and R14 are each of substantially the same wt%.
3. (Currently amended) The composition of claim 2, wherein R245fa is from ~~17.4~~ 13.2 to ~~50~~ 25 wt%, R125 is from 12 to 25 wt%, one of either R508A or R508B is from 13.2 12 to ~~36.4~~ 25 wt%, and R14 is from ~~13.2~~ 12 to ~~36.4~~ 25 wt%.
4. (Currently amended) The composition of ~~any of one of claims~~ claim 2 to 3, further comprising 0.1 to 12 wt% of n-pentane.
5. (Currently Amended) A refrigerant circuit which is a single ultralow-temperature system comprising a condenser, an evaporator, a compressor, and heat exchangers including second and third intermediate heat exchangers and gas-liquid separators disposed in a multi-stage manner, wherein the non-azeotropic mixed refrigerant composition of any one of claims 2 to 4 and 6 is used and the R125, R508A or R508B and R 14 are condensed and evaporate in the second intermediate exchanger, the third intermediate heat exchanger and the evaporator.
6. (New) The composition of claim 3 further comprising 0.1 to 12 wt% of n-pentane.

7. (New) The composition of claim 2 wherein the wt% of R125, R508A or R508B and R14 are within 10% of each other.

8. (New) The refrigerant composition of claim 2 wherein

R125 = 21.6 wt%;

R508A or R508B = 19.8 wt% and

R14 = 21.2 wt%.